



It's a new season of Amateur Radio!
Come to the meeting Thursday September 12th
Confederation College
Room 274 - McIntyre bldg at 19:30

SAY "HI" TO JUNO

Bill Unger VE3XT

NASA's Juno spacecraft will fly past Earth on October 9, 2013 to receive a gravity assist from our planet, putting it on course for Jupiter. To celebrate this event, the Juno mission is inviting amateur radio operators around the world to say "HI" to Juno in a coordinated Morse Code message. Juno's radio & plasma wave experiment, called Waves, should be able to detect the message if enough people participate. So please join in, and help spread the word to fellow amateur radio enthusiasts!

<http://www.jpl.nasa.gov/hijuno/>



**Find us on
Facebook**

Proto Board Wires

by Phil Moorey VE3AXL

I was at a friends shack and saw a bundle of wires. Always have to check things out and found that they were formed wires with hard pins of each end for connecting proto board work.

Ok! gone are the days of getting the correct gauge wire and jamming them into the sockets of the boards. These have steel pins of the correct gauge, there are many different colors, and different lengths. They are available on ebay under "proto board wires" and they are cheap.

I have placed an order for two bundles of 70 pieces and that comes to \$6.00 including shipping. For anyone using a proto board you can't go wrong. Here is the link that I used.

<http://dx.com/p/breadboard-jumper-wires-for-electronic-diy-70-cable-pack-80208>

Volunteers - Please remember to register at
<http://www.thunderbaymarathon.com/article/volunteer-13>

Miles with the Giant

Thunder Bay Marathon

September 22, 2013



LARC SENATE

Keith Fiske VE3JQ SK
Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Laurie Bridgett VE3BCD
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

**Positions are vacant - elections
are coming up**

**Please consider filling a position
to ensure the success of the
LARC**

LARC Emergency Coordinator

Brad Harris VE3MXJ 767-0628

**ARES District Emergency
Coordinator**

VE3FAL Fred Lesnick 577-0789

CANWARN

**VA3JMS John 767-3631
VE3MXJ Brad 767-0628**

Public Service Events

VA3JMS John 767-3631

Accredited Examiners

**VE3FAL Fred Lesnick 577-0789
flesnick@tbaytel.net
VE3VAI Lori Bedford 622 – 6386
ve3vai@tbaytel.net**

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 191 McIntyre Building, Confederation College, 7:30 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to ve3snw@shaw.ca

Nets in the Thunder Bay Area

Sunday AMETHYST ARES VHF NET, on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9031 @ 0045Z (7:45 pm), also Cook County ARES Response Team (CARRT) net at 0100Z (8 pm) on the BWARC repeater, Grand Portage repeater - 146.655 with CTCSS 151.4

Monday SATERN NET on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9032

SATERN DIGITAL NETS on **Monday & Wednesday** nights

8 pm- 14.065

9 pm- 7.065

10 pm- 3.5835

Mode :Olivia 8/500 1000Hz waterfall centre

Tuesday 2M/ LARC ARES NET on VE3YQT 147.060- @ 7:00PM ET, and after this net is the new THUNDER BAY ARES DIGITAL NET on PSK31 between 1000 & 2000 WATERFALL 145.050 FM mode @ 7:30PM (usually starts after the 2m/ ares net)

Every Day The NORTHWESTERN ONTARIO ARES NET , every evening at 8:15PM (local) on 80m 3.750Mhz (note the time does not change with daylight savings time.)

Any questions on these or other nets please feel free to contact me at my e-mail: ve3mxj@rac.ca

LARC OPEN ACCESS REPEATERS

VE3YQT(Mount Baldy)147.060 (-600) Phone Patch

VE3TBR (St. Joseph's) 146.820 pl 107.2

**442.075 (+5 MHz)pl 100
144.390 APRS**

VE3UPP Upsala 145.470 (-600)

ARES UPDATE TIME!

It's time to update the ARES listings and phone trees. Please email Karl ve3rrp@rac.ca with your intention to join, remain with, or leave the ARES program. Also let him know of any changes to your contact information, such as new phone, address etc.

Many thanks to you folks doing good works.

The SET is coming up in October and ARES is looking for some suggestions on cross band operations and digital comm tests.

Adieu to Mervyn VA3TSA

As most of you know by now Mervyn Halvorsen VA3TSA and his family have been posted to VE5 land. He was instrumental in obtaining a room for us at the Salvation Army Center and it is now a fully operational Emergency Operations Centre, VE3ONN. This will be his lasting gift to the LARC.

At the June meeting of the LARC President Jeff, VE3JTD presented Merve with an honorary lifetime membership to the LARC and a 75th anniversary crest as a small token of our appreciation of his dedication and assistance to the LARC.

All the members of the LARC wish you nothing but the best in your future Merve and if you are ever passing through Thunder Bay please stop and visit.



Jeff (left) presenting Mervyn a lifetime membership and crest on behalf of the LARC.

73 Mervyn from all of us!

Forx Amateur Radio Club Hamfest

Heritage Village, Hwy 220 N & 20th St. NE, East
Grand Forks, MN

09-14-2013 08:00 to 12:00

Breakfast will be served!!

VE Testing. Seminars. Vendor/Flea Market Tables

FREE upon request

Tour of grounds available

Northern Lights Model Railroad Museum Open on
grounds

Contact: Donna Schaffer, KC0SKD, 701-739-2957

We Get Some Thanks...

Spotted in the Thunder Bay Chronicle Journal

THUMBS Up to the race committee of the Thunder Bay Triathlon. "It has been more than five years since the last triathlon and the community really supported its return," a reader says. "In spite of cold temperatures, the race went on with enthusiasm from all participants. A big thanks to the race directors, volunteers, Thunder Bay Timing and the Lakehead Amateur Radio Club for doing a superb job! Looking forward to next year's race!"

And

From Judi Vinni - Conquer the Dog co-coordinator

"Special thank you to the Lakehead Amateur Radio club, your presence at Conquer the Dog is invaluable, thanks so much"

-Judi Vinni

US "Space Fence" Shut Down

09/03/2013

The Air Force Space Surveillance System (AFSSS) — the "Space Fence" — used to detect objects in orbit, was turned off September 1. Three transmitter sites operate on 216.983, 216.97 and 216.99 MHz, and there are six receiving stations.

Some Amateur Radio meteor scatter enthusiasts enjoyed monitoring the VHF transmissions for indications of activity.

Attributed to the automatic budget cuts known as "sequestration," the shutdown came a month earlier than anticipated. Early in August Space News reported that Gen William Shelton, commander of Air Force Space Command, had directed the AFSSS, located in Texas, "be closed and all sites vacated" effective October 1, the start of the new US government fiscal year.

Air Force Space Command Public Affairs reported August 13, "AFSPC officials have devised modified operating modes for the Perimeter Acquisition Radar Characterization System at Cavalier Air Force Station, North Dakota, and for the space surveillance radar at Eglin Air Force Base, Florida, allowing discontinuation of AFSSS operations while still maintaining space situational awareness."

A new Space Fence radar is planned for Kwajalein Island in the Marshall Islands. — SatWatch; USAF Public Affairs

North East Ontario Regional Directors Report for September, 2013



I hope you all had a pleasant summer and the weather was good. We managed to get out and visit kids, grand kids and grand dogs in Alberta and even got some time to operate portable VE6.

The first thing I want to mention is that the RAC Annual General Meeting will be held in Hamilton on October 5 starting at 1 PM. It will be in conjunction with the Hamilton ARC at the Ancaster Fair Grounds starting at 9 AM. The AGM agenda includes the Presidents Report, 2012 finances, appointment of auditors for 2013 and an amendment to the RAC constitution. There will be the Great RAC Debate session for both Amateurs in attendance and RAC members from across the country will also be able to ask questions using Go To Webinar. Full information is available at https://www.rac.ca/downloads/racagm_2013_en.pdf For info on the Hamfest goto www.hamiltonarc.ca

If you want to know why the executive does what they do this is your chance to ask us. Too often it seems the flow of info is from the executive to the membership, this is your chance to reverse this situation.

I also would like to get more comments from RAC members in the North East Region. Got a question, send me an email and I will answer you personally and then in this bulletin as well.

One of the things we don't do enough as an organisation is saying Thank You to all the volunteers who make RAC viable. With only 1.5 paid employees the entire organisation is basically run by volunteers. Thanks to all the ARES folks, clubs who have sponsored the RAC AGM, QSL Bureau sorters, Contest organisers, Wednesday RAC HQ volunteers, members of all the standing committees and others. We still get the odd comment that those dozen or so faces on the executive page run RAC. And yes we have taken on decision making roles, but those decisions would never be implemented without all of the above folks who make RAC a successful organisation. To quote one of my favourite Canadians, Red Green, "Remember, we're all in this together".

If you have any questions or concerns please email me at ve3xt@rac.ca

Bill VE3XT
North East Ontario Regional Director
Radio Amateurs of Canada

Join RAC and support Amateur Radio in Canada

Lakehead Amateur Radio Club

August 2013 Treasurers Report

\$1,243.70

Income

Total Income

\$0.00

Expenses

August 01 Transfer to
trailer acc't

\$300.00

August 12 Trailer cell

\$0.57

August 31 Service
charge

\$0.50

Total Expenses

\$301.07

Balance July 31 2013

\$942.63

Trailer Account

Previous Balance

\$653.82

Income

August 01 Transfer for
Intercity donation

\$300.00

August 31 Interest

\$0.08

Total

\$953.90

Expenses

\$0.00

Total Expenses:

\$0.00

**Balance in Trailer Ac-
count**

\$953.90

Term Account

**Balance August 01
2013**

\$2,028.44

**Interest August 07
2013**

\$0.67

**Balance August 31
2013**

\$2,029.11

**Paul Curtin
VE3PDC
Treasurer**

Lakehead Amateur Radio Club

July 2013 Treasurers Report

Balance July 01 2013 \$912.77

Income

July 17 Trailer donation
from Intercity \$300.00

July17 50/50 April, May
& June \$33.00

Total Income **\$333.00**

Expenses

June 30 Service Charge \$1.50

July 10 Trailer Cell \$0.57

Total Expenses **\$2.07**

Balance July 31 2013 **\$1,243.70**

Trailer Account

Previous Balance **\$653.76**

Income

July 30 2013 Interest \$0.06

Total **\$653.82**

Expenses

\$0.00

Total Expenses: **\$0.00**

**Balance in Trailer Ac-
count** **\$653.82**

Term Account

Balance July 01 2013 **\$2,027.77**

Interest July 08 2013 **\$0.67**

Balance July 31 2013 **\$2,028.44**

Paul Curtin

VE3PDC

Treasurer

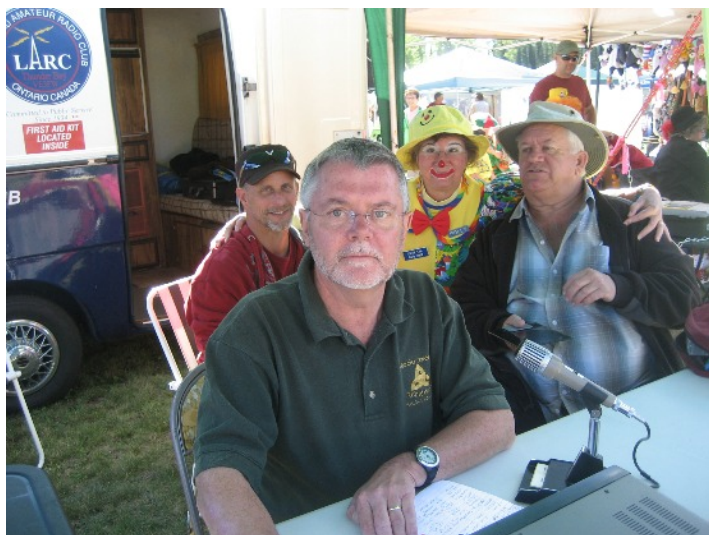
Scenes from the Hymers Fall Fair 2013



VE3AXL - VA3EAP - VE3RVA



VE3EFC



VE3FAL -VE3XT VE3AXL

Mark your calendars for next year and volunteer for this fun event



VE3XT & Co.

September 2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Coffee at Boston on Arthur @2100 every Thursday			1
2 <small>Labor Day</small>	3	4	5	6	7	8
9	10	11	12 LARC Meeting at Con College 1930 hours	13	14	15
16	17	18	19	20	21	22 Thunder Bay Marathon - Volunteer Now!
23	24	25	26	27	28	29
30	Submit your news to HI-Q Ve3snw@shaw.ca					Next meeting October 10